

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



THE PATENT COOPERATION TREATY (PCT) IS A TREATY WHICH PROVIDES FOR THE FILING OF A SINGLE INTERNATIONAL APPLICATION FOR A PATENT IN ALL THE STATES OF THE TREATY.

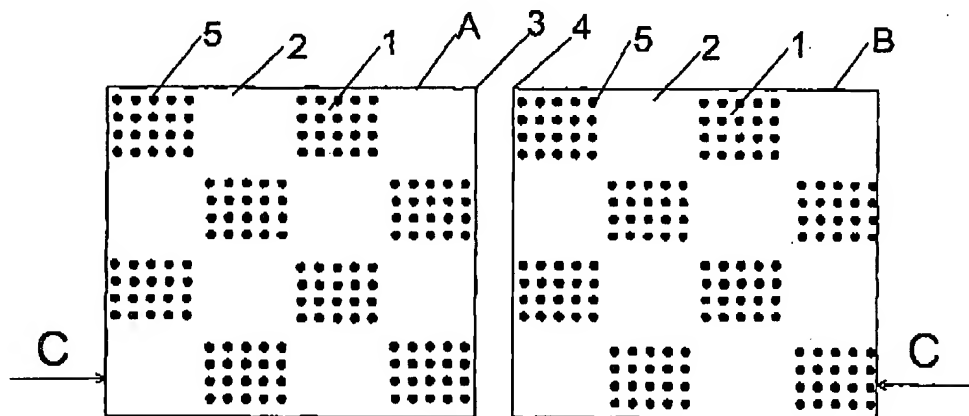
(43) International Publication Date
14 April 2005 (14.04.2005)

PCT

(10) International Publication Number
WO 2005/034065 A1

- (51) International Patent Classification⁷: G09F 3/10, B32B 7/14, G09F 3/02
- (21) International Application Number: PCT/FI2004/000562
- (22) International Filing Date: 24 September 2004 (24.09.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 20031448 6 October 2003 (06.10.2003) FI
- (71) Applicant (for all designated States except US): RAFLATAC OY [FI/FI]; Tesomankatu 31, FI-33310 Tampere (FI).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LAAKSONEN, Vesa [FI/ES]; Pje Santa Magdalena, 33 4-2, E-08301 Mataro (Barcelona) (ES). PHILIPP, Gottfried [DE/DE]; Tiefe Gasse 12, 97270 Kist (DE). MARQUARDT, Andreas [DE/DE]; Gassenwiese 18, 97225 Zellinger (DE).
- (74) Agent: GUSTAFSSON, Helmer; UPM-Kymmene Corporation, P.O. Box 40, FI-37601 Valkkoski (FI).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CI, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
- with international search report
 - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A LABEL LAMINATE AND A METHOD FOR MANUFACTURING A LABEL LAMINATE



(57) Abstract: The present invention relates to a label laminate and a method for manufacturing a label laminate. The laminate comprises a first label material layer (A) and a second label material (B). The method comprises: forming a pattern in which adhesive areas (1) and non-adhesive areas (2) alternate on the face side of the first label material layer (A) and on the face side of the second label material layer (B); aligning the adhesive areas (1) on the first label material layer (A) with the non-adhesive areas (2) on the second label material layer (B) and aligning the non-adhesive areas (2) on the first label material layer (A) with the adhesive areas (1) on the second label material layer (B); attaching the face sides of two label material layers (A, B) to each other. The adhesive areas are formed by a screening method. The non-adhesive areas have a surface energy, which is at least 25 dynes.